



SEQUENCE LISTING

<110> Supratek Pharma, Inc.

<120> Vascular Endothelial Growth/Factor Receptor

<130> 082181-36154

<140> 09/775,743

<141> 2001-02-02

<150> 60/180,568

<151> 2000-02-04

<160> 13

<170> PatentIn Ver. 2.0

<210> 1

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic chemical peptide synthesis and biosynthetic including use of E. coli

<220>

<221> MOD\_RES

<222> (16)

<223> AMIDATION

<400> 1

Asn Gly Tyr Glu Ile Glu Trp Tyr Ser Trp Val Thr His Gly Met Tyr  
1 5 10 15

<210> 2

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic chemical peptide synthesis and biosynthetic including use of E. coli

<220>  
<221> MOD\_RES  
<222> (17)  
<223> AMIDATION

<400> 2  
Cys Asn Gly Tyr Glu Ile Glu Trp Tyr Ser Trp Val Thr His Gly Met  
1 5 10 15

Tyr

<210> 3  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic  
chemical peptide synthesis and biosynthetic  
including use of E. coli

<220>  
<221> MOD\_RES  
<222> (1)  
<223> ACETYLATION

<220>  
<221> MOD\_RES  
<222> (17)  
<223> AMIDATION

<400> 3  
Cys Asn Gly Tyr Glu Ile Glu Trp Tyr Ser Trp Val Thr His Gly Met  
1 5 10 15

Tyr

<210> 4  
<211> 16  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic

chemical peptide synthesis and biosynthetic  
including use of E. coli

<220>

<221> MOD\_RES

<222> (1)

<223> fluorescein-5-carbonyl

<220>

<221> MOD\_RES

<222> (16)

<223> AMIDATION

<400> 4

Asn Gly Tyr Glu Ile Glu Trp Tyr Ser Trp Val Thr His Gly Met Tyr  
1 5 10 15

<210> 5

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic  
chemical peptide synthesis and biosynthetic  
including use of E. coli

<220>

<221> MOD\_RES

<222> (1)

<223> fluorescein-5-carbonyl

<220>

<221> MOD\_RES

<222> (19)

<223> AMIDATION

<400> 5

Glu Glu Glu Asn Gly Tyr Glu Ile Glu Trp Tyr Ser Trp Val Thr His  
1 5 10 15

Gly Met Tyr

<210> 6

<211> 15

<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic  
chemical peptide synthesis and biosynthetic  
including use of E. coli

<220>

<221> MOD\_RES

<222> (1)

<223> fluorescein-5-carbonyl

<220>

<221> MOD\_RES

<222> (15)

<223> AMIDATION

<400> 6

Asn Gly Tyr Ile Glu Trp Tyr Ser Trp Val Thr His Gly Met Tyr  
1 5 10 15

<210> 7

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<221> SITE

<222> (2)..(3)

<223> Xaa = any amino acid

<220>

<221> SITE

<222> (7)..(9)

<223> Xaa = any amino acid

<220>

<221> SITE

<222> (11)..(15)

<223> Xaa = any amino acid

<220>

<223> Description of Artificial Sequence: synthetic  
chemical peptide synthesis and biosynthetic  
including use of E. coli

09775743-072401

<400> 7

Asn Xaa Xaa Glu Ile Glu Xaa Xaa Xaa Trp Xaa Xaa Xaa Xaa Xaa Tyr  
1 5 10 15

<210> 8

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<221> SITE

<222> (1)

<223> Xaa = Asn or Gln

<220>

<221> SITE

<222> (2)..(3)

<223> Xaa = any amino acid

<220>

<221> SITE

<222> (4)

<223> Xaa = negatively charged amino acid comprising of  
Glu or Asp

<220>

<221> SITE

<222> (5)

<223> Xaa = Ile, Leu, Val, or Met

<220>

<221> SITE

<222> (6)

<223> Xaa = negatively charged amino acid comprising of  
Glu or Asp

<220>

<221> SITE

<222> (7)..(9)

<223> Xaa = any amino acid

<220>

<221> SITE

<222> (10)

<223> Xaa = aromatic amino acid comprising of Trp, Phe,  
Tyr or His

<220>  
 <221> SITE  
 <222> (11)..(15)  
 <223> Xaa = any amino acid

<220>  
 <221> SITE  
 <222> (16)  
 <223> Xaa = aromatic amino acid comprising of Trp, Phe,  
 Tyr or His

<220>  
 <223> Description of Artificial Sequence: synthetic  
 chemical peptide synthesis and biosynthetic  
 including use of E. coli

<400> 8  
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
 1 5 10 15

<210> 9  
 <211> 69  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: chemical  
 synthesis

<400> 9  
 gggccggtaa cgggtacgag atcgagtggg actcgtgggt cacgcacggg atgtacggtg 60  
 gcgcttctg 69

<210> 10  
 <211> 69  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: chemical  
 synthesis

<400> 10  
 gggccggtcc ggagcccgag gtccggttga gtccgcccggg tcatatccag tcgctcgggtg 60  
 gcgcttctg 69

<210> 11

<211> 69  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemical  
synthesis

<400> 11

gggccggttt tgtggggggg tggttggttc cggaggacga gcggctctac ccggagggtg 60  
gcgcttctg 69

<210> 12

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemical  
synthesis

<400> 12

aagcgccacc

10

<210> 13

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemical  
synthesis

<400> 13

accggccccg t

11

07243-07240" E4454250